

Cecidomyia acarivora n. sp.

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The above named species was received through the courtesy of Dr. L. O. Howard, of the Bureau of Entomology, U. S. Department of Agriculture, from Frederick Maskew, of Southern California, who found the larvæ feeding upon *Tetranychus mytilaspidis* and *T. sexmaculatus*, infesting lemon leaves and fruit at Chula Vista, California. At the request of Dr. Howard, we have decided to describe this species at once.

Male.—Length, 1.5 mm.—Antennæ longer than the body, probably pale yellowish, rather thickly haired; 14 segments, the first broadly obconic, the second flattened basally, subglobose, the third and fourth slightly fused, they and the following binodose, the enlargement subequal; three well-developed circumfili. Palpi apparently composed of five segments, face probably pale yellowish. Mesonotum apparently light brown. Scutellum and postscutellum concolorous. Abdomen a yellowish red. Wings hyaline, costa dark brown, subcosta uniting with the margin near the basal fourth, the third vein just beyond the apex, the fifth at the distal third, its branch at the basal third. Halteres probably pale yellowish. Legs presumably nearly uniform pale yellowish, anterior claws bidentate, the others simple. Genitalia; basal clasp segment long, slender, terminal clasp segment rather short, swollen at the base; dorsal plate short, broad, deeply and narrowly incised, the lobes broadly rounded distally and with several coarse setæ apically, ventral plate long, broad, somewhat excavated at the basal third, swollen near the distal third, roundly truncate distally and with several conspicuous setæ at the slightly notched lateral posterior angles.

Female.—Length, 1.75 mm.—antennæ extending to the fifth abdominal segment, apparently light yellowish, sparsely haired; 14 segments, the third and following with a smooth stem about $\frac{1}{2}$ the length of the subcylindric basal enlargement. Palpi consisting of four segments, ovipositor short, the lobes subtriangular, tapering to a narrowly rounded apex and thickly clothed with coarse setæ; colorational and other characters about as in the opposite sex. ,

Larva.—Length, 1.75 mm; rather stout, tapering anteriorly to a rather conspicuous head and broadly rounded posteriorly. Head large, broadly rounded, with a pair of long, slender, cephalic horns at the lateral margins; mouth-parts rather inconspicuous.

Types—Cecid 847 deposited in the U. S. National Museum and New York State Museum.